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MONTANA Industrial Horizons
STATE PLANNING BOARD Sept.-Oct., 1963.

Anaconda Forest Products Expands

The Anaconda Co. is investing about $55 million in Montana this year for plant improvements at Butte, Anaconda, Great Falls, East Helena, Columbia Falls and Bonner. One of the major expansions was recently completed at the woods products division at Bonner.

The Anaconda Forest Products Division of the Anaconda Company recently completed a multi-million dollar expansion and modernization program at its sawmill in Bonner, 7 miles east of Missoula.

The mill has been rebuilt into one of the nation's most modern wood product plants and will enable Anaconda to increase production capacity by about 50 per cent.

Many, one-of-a-kind machines have been installed, some of which are being used for the first time anywhere. Lumber producers from all over the nation will be interested in the results of Anaconda's modernization program. Many are expected to visit the mill during the next few months.

The program began in 1961 when the Anaconda Forest Products Division was created. The new division of the Anaconda Company formerly was known as the Anaconda Company Lumber Department.

The name of the sales unit also was changed in 1961, becoming Anaconda Building Materials Company in place of Interstate Lumber Company.

Anaconda Forest Products started immediately to build an integrated logging, milling, fabricating and sales organization. The expansion includes increased logging, expansion and modernization of the Bonner mill, and development of broader markets for quality western Montana lumber products.

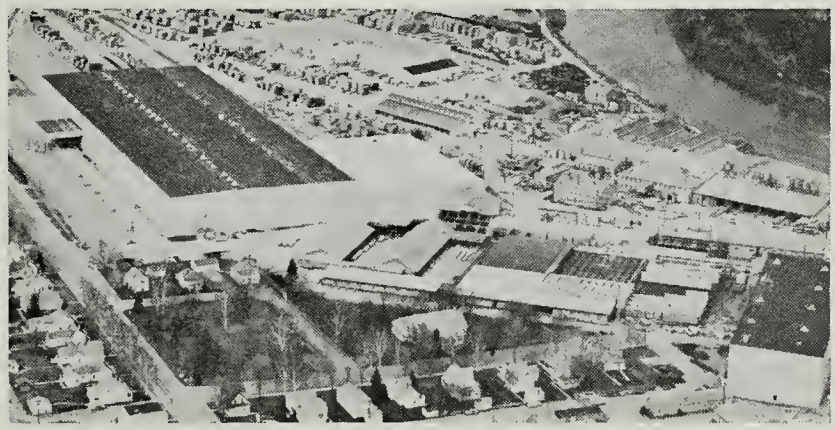
The new facilities were dedicated in August. Dominating all other structures at Bonner is the new planer-storage structure which covers 7 acres. Constructed entirely of wood it is the largest building under one roof in Montana and one of the largest all-wood buildings in the nation. The mammoth push-button operation is capable of finishing lumber at a speed of 800 feet per minute, and all stacking, conveying and packaging of the finished lumber is handled entirely by machines.

Other features of the modernization program include an automatic log sorting service, a dry dock feed to the sawmill, enlarged glu-laminating plant to handle more laminated beams and specialty products such as wall panels and trusses, more dry kiln capacity, new planers, trimmers, edgers and other equipment.

Production capacity of the plant has been increased to more than 120,000,000 bd. ft. of lumber a year.

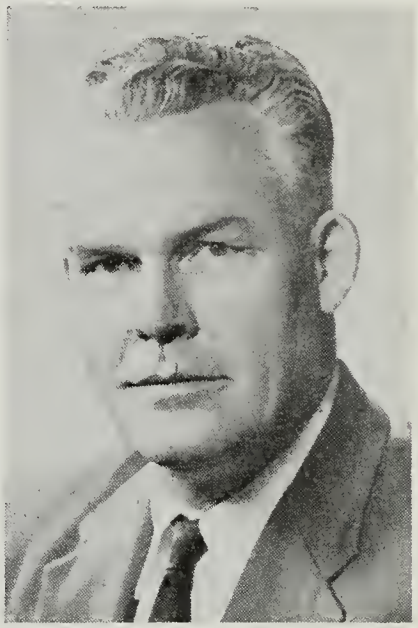
The mill manufactures high quality Ponderosa pine, fir and larch lumber, a complete line of mouldings and mill work, made-to-order laminated beams and other glue-welded products, and mine timbers. Anaconda Certified Homes, pre-cut and packaged for assembly on building sites, are produced in several attractive styles and sold in the northwest states. A line of farm buildings is to be added. A chipper operation converts residual material into chips which are sold for manufacture of Kraft paper. Research is going on to enlarge the product lines.

(Continued on page 3)



Partial view of Anaconda lumber mill at Bonner. New planer-storage building at left covers seven acres, and is the largest building under one roof in Montana. Last year the company shipped 6,000 carloads of lumber, and expects to increase production by 50 percent in its new modern plant.

Chapman Named Planning Director



Samuel J. Chapman was appointed Director of the Montana State Planning Board in August, replacing Thomas J. Collins who resigned to return to private business in Missoula.

Previous to his appointment, Chapman was sales manager for the House of Glass in Great Falls. Before this he was accountant for the Great Northern Railway Co., head accountant for the Greely Elevator Co., and public relations and employee communications director for the Anaconda Company.

Born in Nebraska, Chapman has been a resident of Montana since 1917. He graduated from St. Ignatius High School and attended Intermountain Union College in Helena.

Chapman and his wife, Helen, have two daughters, one a college senior and the other a senior in high school.

Tom Collins will continue to serve the State Planning Board as a member of its Advisory Council to which he was appointed following his resignation as director.

Yogo Inn Opens In Lewistown

Lewistown's new Yogo Inn was dedicated in August. The million dollar motor hotel offers excellent guest and convention facilities.

Because of its central location, Lewistown is a convenient location for statewide meetings. However, in 1958 and 1959 fire destroyed the city's two major hotels and left the area short of convention accommodations.

In April of 1959 a group of local citizens formed the Lewistown Community Hotel Co. and undertook to subscribe about two-thirds of the money needed to build the Yogo Inn. The corporation was headed by Charles W. Cooley, general chairman; Lester Alweis, vice chairman; Earl Eck, secretary; and Dr. Paul Gans, treasurer. Almost $600,000 was pledged by townspeople and ranchers of the area.

Construction began last year, with conversion of the Milwaukee Railroad's former freight depot into one side of the hotel. The remainder of the hotel is new construction.

The Yogo Inn is a 60-room garden type motor hotel, with a double deck of rooms, a large restaurant and an attractive lobby surrounding a landscaped court which includes a swimming pool. In addition, there is a ballroom capable of handling 250 persons at a banquet, a coffee shop, private dining rooms and a large bar and lounge. The "Golden Spike" lounge was built on the location of the last spike driven when the Milwaukee Railroad line reached the city in 1903.

The Inn is named after the famed Yogo sapphire mine near Lewistown. Bob Brock is manager and there are about 40 people employed.

RAD Committee Assists Rural Development

The executive committee of the Montana Rural Areas Development Committee met at Montana State College in Bozeman on September 19 to discuss economic development in Montana's rural areas. RAD is a U. S. Department of Agriculture program designed to assist rural areas in helping themselves in developing the best possible uses of their natural and human resources.

Members of the Executive Committee are Torlief S. Aasheim, chairman, and E. R. Ahrendes, secretary, both of the MSC Cooperative Extension Service; Judd Walker, president of the Montana Rural Electric Cooperative Association; Hank Wilson, president of the Montana Farm Bureau; Sam Chapman, director of the Montana State Planning Board; O. M. Ueland, executive secretary of the Montana State Soil and Water Conservation Committee; Ed Kellner, secretary-treasurer and business manager of the Montana State Chamber of Commerce; and Leonard Kenfield, president of the Montana Farmers Union.

John Bower, MSC extension economist, presented a statistical picture of present and expected job opportunities for Montana's young people by job categories.

Don Ryerson, MSC extension range specialist, talked on "Rural Area Development and the Range Resource." He emphasized the importance of the range resource to Montana and particularly the economic impact that would result from improving the range resource. Roughly 60 per cent of Montana's 93 million acres is rangeland. The committee voted to establish a subcommittee to consider the economic potential of further development of Montana's grasslands.

The committee discussed present economic development activities in Montana's counties and the current projects in ARA designated areas, and approved a motion to establish a state Rural Areas Development subcommittee to be concerned with all aspects of recreational development in Montana.

The next meeting of the executive committee will be held in Helena on November 25.

"Feedphos" Plant Operating at Garrison

Rocky Mountain Phosphates, Inc., has completed construction of its $375,000 plant at Garrison and is now in production The plant formerly operated in Butte but moved to Garrison to be near the source of supply of phosphate rock from which they manufacture a feed supplement for animals.

"Feedphos," trade name of the feed supplement, is a deflourinated phosphate feed which livestock and poultry can use in their digestive tracts to provide phosphorus required in their metabolism.

The Montana firm is one of four in the United States producing the feed additive. Bryce Rhodes, company president, anticipates a greater demand for the product as livestock feeding yards are developed in the Northwest. The company had a successful beginning at a location previously under lease. In its second year of operation sales were tripled. They now hope to increase production by as much as 75 per cent in their new plant.

Market area for the product extends over 11 western states and 4 Canadian provinces. About 27 people are employed at the Garrison plant.

In the News . . .

St. Peter's Hospital, Helena, will build a new $3 million hospital on the city's east side.

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The **Head Corp., Billings,** was recently formed by a group of Billings men to provide a consulting and planning service for nursing homes as well as construct them. The firm plans to build a $400,000, 60-bed nursing home in Lewistown. R. H. Hughes, president of the Head Corp., said construction would probably start early next spring.

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Austin's Packing Co., Inc. Glasgow, has been formed to sell $200,000 in capital stock and $100,000 in first mortgage bonds to construct an up-to-date packing plant in Glasgow. The project was spear-headed by the Glasgow Chamber of Commerce when the former plant was shut down and abandoned since remodeling seemed unfeasible.

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A 42-unit motor lodge is under construction at **Whitefish Lake** and should be ready for partial occupancy by Christmas. The $300,000 year round alpine resort will be known as **Viking Village.** It will include dining areas on two floors, cocktail lounge and meeting space to accommodate conventions of 300, docking facilities for boats, and heated out-door swimming pool.

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Rocky Mountain Lumber Co., Columbia Falls, is installing a debarker and chipper. Al Reid, general manager, said chips will be trucked to the Waldorf-Hoerner pulp plant near Missoula starting early in 1964.

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Shelby Swine, Inc., a new pig feeding industry in **Shelby,** expects to process about 1,500 pigs for market a year. The first of two hog houses has been completed with space for 500 pigs. The building is air conditioned and electrically heated and features strict sanitation enforcement. Gary Aklestad, of Galata, is president of the corporation, and Arnie Johnson, of Shelby, is secretary and manager.

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The Montana Crop and Livestock Reporting Service estimates Montana's 1963 honey crop at 9,480,000 pounds, the largest on record. The crop was produced by 79,000 colonies of bees.

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Teslow, Inc. has expanded and remodeled its feed, seed and fertilizer plant at Dillon. The elevator was acquired in 1962 and is one of 15 operated by Teslow in Montana.

Seattle Firm Acquires Montronics

Montronics, Inc., of Bozeman, has been acquired by the John Fluke Mfg. Co. Inc., of Seattle. The Fluke company acquired control of the Bozeman firm as a subsidiary through an exchange of stock, 1.95 shares of Fluke for each share of Montronics. Directors are of the opinion that this action should result in strengthening production capacity of Montronics and acquisition of a national sales organization.

The John Fluke Mfg. Co. is engaged in the design, development, manufacture and sales of precision electronic measuring instruments, precision power supplies used in the fields of production testing, general laboratory development, and nuclear research; precision potentiometers; and related components and assemblies.

John M. Fluke, president and director of the company, founded the firm in 1949 in Springdale, Conn., with 2 employees. By 1952 additional facilities were needed and Fluke, a native of the Pacific Northwest, decided to move the young firm to Seattle near his former home. Employment is currently at 350.

Montronics will continue its separate corporate identity and manufacturing activity located at 703 W. Babcock Street in Bozeman.

The Montana firm's forte is the manufacture of a number of advanced proprietary electronic equipments in the precision frequency-measurement, control and synthesis fields, and also makes special equipment for communications, radar and frequency-measurement and control systems on customer order. Since Fluke does not range into the fixed-frequency generation field, the two plants will complement each other in the market.

ANACONDA FOREST PRODUCTS

(Continued from page one)

Scientifically managed tree farms on approximately 650,000 acres of Anaconda-owned timber land supply logs for the mill, and are open to the public for recreational purposes.

The sales organization operates retail and wholesale yards and departments in 9 Montana cities and also sells to distributors throughout the country.

Lumber produced at the Bonner mill is shipped to more than half the states in the United States. Last year 6,000 carloads were marketed in 41 states and Canada. The bulk of the shipments goes to Illinois, Iowa and the Dakotas. Most of the major markets in the New England and Southern States also stock items bearing the Anaconda label.

Anaconda Forest Products employs nearly 700 people, and also provides employment for about 140 contract loggers.

Robert E. Sheridan, a native of Butte and who has been with the Anaconda Company since 1935, was named general manager of the new Anaconda Forest Products Division in 1961.

Committee Selected to Conduct National R&D Clinic at Bozeman

The Western States Navy Research and Development Clinic is scheduled to be held at Montana State College in Bozeman July 22-24, 1964. From 600 to 800 persons are expected to attend the conference, sponsored by the Navy Office of Naval Material, the State of Montana, and the State's university system, wtih the cooperation of thirteen western states: Alaska, California,, Colorado Idaho, Minnesota, Nebraska, Nevada, North and South Dakota, Oregon, Utah, Washington and Wyoming.

An opportunity to learn about basic and applied research requirements of the Navy and its prime contractors will be offered leaders of industrial plants, large and small businesses, universities and colleges, and research institutions and laboratories from throughout the nation; and how to submit unsolicited research and development projects and bids for contracts.

Dean Chaffin of Bozeman has been appointed chairman of the executive committee set up to promote the clinic and make arrangements for conducting it in Bozeman. Paul Wylie has been named managing director; Dr. Byron Bennett, technical program director; Carl Tange, deputy technical program director; Sam Chapman, publicity chairman; E. H. Reeder, chairman, inter-state liaison; Bob Matson, interstate liaison deputy director; and Bob Smith, finance director. Others on the executive committee are C. G. McClave, Great Falls; George O'Connor, Butte; William M. Kirkpatrick, Butte: George Redhair, Helena; Larry Smith, Missoula, and George Washington, Billings.

The executive committee met in Helena in September and appointed an advisory committee to represent all areas of the state, and it is planned to hold regional meetings with these members to acquaint them with the purposes of the clinic and to enlist their assistance.

One or two such clinics are held in the United States each year to acquaint large and small industry with the technological problems confronting the technical bureaus of the Navy Department which they hope can be solved by a close partnership with industry.

Wylie, Tange and Matson attended the Pacific Southwest Navy Research and Development Clinic held in Oakland in October and met with the officials who conducted the California clinic to discuss details involved in staging such a clinic.

Economic Study of City To Be Reviewed at Billings Meet

A one-day economic development conference will be conducted in Billings, November 14, by the Billings Chamber of Commerce. Theme of the conference is "Billings—Your Community Today and Tomorrow." Purpose of the meeting is to publicly release the results of an economic feasibility study completed for Billings by Development Planning Associates, a San Francisco firm employed by the chamber to analyze opportunities for economic growth in Billings and problems which need to be overcome for Billings to realize its maximum potential. Stuart Parry Walsh, president of the San Francisco firm, will describe the report in detail at the conference, and a number of panelists from industry and research organizations will supplement the report with their own conclusions and recommendations. Among the panelists will be G. T. Pearson, senior vice-president of the Continental Oil Co., Houston, Texas; Dr. James Henderson, director of the Upper Midwest Research and Development Council, Minneapolis; and Perry Roys, Director of Area Development for Northern Natural Gas Co., Omaha.

Participants will also indicate what the community can do to implement the recommendations coming from the report and the speakers.

This culmination of one of the Billings chamber's principal 1963 programs is designed to introduce a major effort in 1964 to accelerate growth and create new jobs in the area. The meeting begins at 10:00 o'clock and the chamber is urging all interested persons to attend.

Whitefish Receives Grant for Urban Planning

An Urban Planning Assistance grant has been approved by the Housing and Home Finance Agency for Whitefish. Under terms of the grant, HHFA will pay $3,735 of the total cost of preparing a master plan for Whitefish, and the Whitefish City-County Planning Board will provide $1,045 in cash and $200 in services by city employees.

Proposed information to be included in the master plan are studies of the economic base, employment, traffic, and parking; surveys and analyses of the existing physical and climatic conditions, population, land use, and school and recreation facilities; preparation of a comprehensive development plan, including plans for land use, circulation, and community facilities; preparation of a zoning ordinance and maps, and land subdivision regulations; and preparation of refined planning elements for the central business district.

Harstad and Associates, of Seattle, will prepare the report.

All of these studies are aimed at providing a basis for guiding the growth and development of Whitefish, and at preventing slum and blight conditions.

UPA grants are awarded through the State Planning Board which administers the program for cities under 50,000 population.

Columbia Falls Aluminum Plant to Expand

MAY USE ALUMINA FROM DOMESTIC CLAYS

The Anaconda Company has announced it plans a multi-million dollar expansion program for the Anaconda Aluminum Co. plant at Columbia Falls.

Clyde E. Weed, chairman of the board of directors of the Anaconda Company, said the construction project will add one electrolytic potline to the two now in production, and will increase the rated output of the plant from about 135 million pounds to approximately 200 million pounds of aluminum annually.

This follows an earlier announcement that the Anaconda Company had developed a new process for extracting alumina from clays.

Except for this clay source, the Anaconda Aluminum Co. obtains its alumina from bauxite mined on the island of Jamaica and purchased from the Kaiser Corp. A long-time dream of the American aluminum industry is to be able to use the more conveniently located clays as a source of alumina rather than bauxite from the tropics.

Aluminum is now being produced from clay-derived alumina in two of the 240 pots at the Anaconda plant at Columbia Falls at the rate of 6,200 pounds of metal each 48 hours.

The Anaconda Co. has been working on the clay reduction project for a number of years and the latest development comes through modifications made at the alumina pilot plant at Anaconda. That unit was reactivated in 1962 and presently is producing alumina at the rate of 5 tons daily from domestic clays. The Anaconda Co. invested more than $1 million in this operation.

Charles M. Brinckerhoff, Anaconda president, said that Anaconda holds leases and options on a large area of alumina-bearing clays at Moscow, Idaho. If the extraction process is eventually proved, he said, the company hopes this clay source will fill Anaconda's alumina needs for its aluminum plant at Columbia Falls, and will provide extra alumina for sale to other companies. Anaconda's contracts with its Latin American bauxite suppliers run out in about 5 years, he said.

Construction of the new potline at Columbia Falls will begin early in 1964 and is to be finished by July of 1965. The Columbia Falls plant, dedicated in 1955, marked Anaconda's entry into the field of aluminum production. Since then, Anaconda Aluminum has grown into a nation-wide production and fabricating concern with a hot mill, sheet and foil mill at Terre Haute, Ind., a sheet, foil and container plant at Louisville, Ky., and a foil laminating plant at Fairlawn, N. J. Part of the output of the Columbia Falls reduction plant is processed in the aluminum wire mill of Anaconda Wire and Cable Co. at Great Falls.

Huge Oil Discovery In Toole County

Oil activity in Toole County near Sunburst is making day-to-day headlines. Called the "Fred and George Creek Field," the area has produced two discovery wells that appear to be the largest ever drilled in Montana.

Initial tests show production at about 1,000 and 2,600 barrels per day. Drilling is continuing to discover the full extent of the field. By mid-October, there were 7 dry holes and 6 producers, all drilled in at less than 3,000 feet.

With the Planning Board

R. H. (Ty) Robinson, newly-elected president of the Montana Chamber of Commerce, has been appointed ex-officio member of the Advisory Council of the State Planning Board. He replaces John E. Tenge of Billings, out-going chamber president.

Other new Advisory Council members are Edgar E. Cozad, International Association of Machinists, Helena, replacing James Umber; and Tom Collins, former director of the State Planning Board.

* * *

Director Sam Chapman attended the Area Redevelopment Administration Institute for State Economic Development Officials held in Washington, D. C., September 16-19. He also attended a meeting of the Association of State Planning and Development Agencies in Washington and called on several industrialists in New York City.

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The State Planning Board met with its Advisory Council September 25 and 26 in Helena. The two were luncheon guests of the Montana Chamber of Commerce on September 26 which was holding its annual meeting in Helena that day. In the afternoon the Board and Council met with members of the Montana Association of Commercial Organization Maagers to discuss mutual problems and ways in which chamber managers and the State Planning Board might be of more direct assistance to each other.

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Robert E. Matson of the State Planning Board staff attended the Pacific Southwest Navy Research and Development Clinic held in Oakland, California, October 15-18. Montana will host a similar clinic in 1964.

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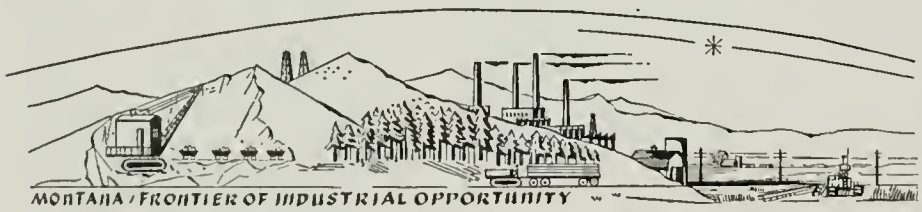
Director Chapman attended the Missouri Basin Research and Development Council annual conference October 7 and 8 at Excelsior Springs, Missouri. Before returning to Helena, he conferred with Perry Roys, former director of the State Planning Board and now director of area development for Northern Natural Gas Co. in Omaha, and made industrial contacts in Chicago and Minneapolis.



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